

RE tooling

By implementing the latest technology and products into our everyday craft, we are producing state-of-the-art structures, with speed and efficiency.

NEW PRODUCTS:

RAIN SCREEN WALLS — cladding systems (typically terra cotta, calcium silicate, natural stone or porcelain tile) attached to the substrate with a metal rail support system over an air/water/vapor barrier.

ADHERED VENEER — a lightweight architectural non-load bearing product that is produced by wet-cast blending of cementitious material, lightweight and other aggregates, iron oxide pigments and admixtures designed to be applied via cementitious mortar to a backing surface.

INSULATED CONCRETE FORMS (ICF) — a reinforced, cast-in place concrete wall system where the formwork (foam insulation — typically expanded polystyrene) remains as a permanent element of the assembly.

AERATED AUTOCLAVED CONCRETE (AAC) — a lightweight cellular concrete formed by a chemical reaction between finely ground aggregate, lime, Portland Cement, aluminum powder and water provides superior energy efficiency, fire resistance and acoustical properties.

NEW TECHNOLOGIES:

AIR BARRIERS — should be designed, built, and imagined as a system. Performance depends not only on the individual materials comprising the system, but the efficient connection between the various components. This makes good training the key to successful air barrier installation.

HYBRID MASONRY/STEEL STRUCTURES — a structural system that utilizes reinforced masonry walls with a framed structure.

SELF CONSOLIDATING GROUT (SCG) — a dry pre-blended grout specifically designed to be highly fluid without segregation of the constituents. It is used to bond together adjacent masonry units, fill bond beams and all areas around steel reinforcement in the cores of the masonry assemblage without mechanical consolidation or reconsolidation.

For more information, please contact Stephanie Staub (609) 291-0836.